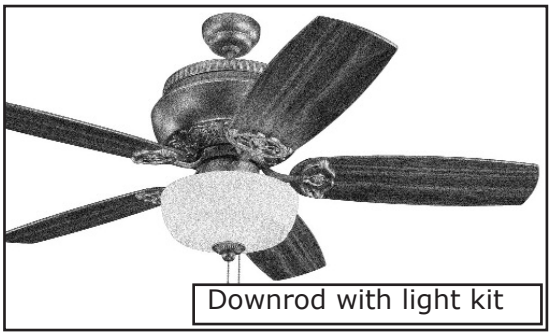
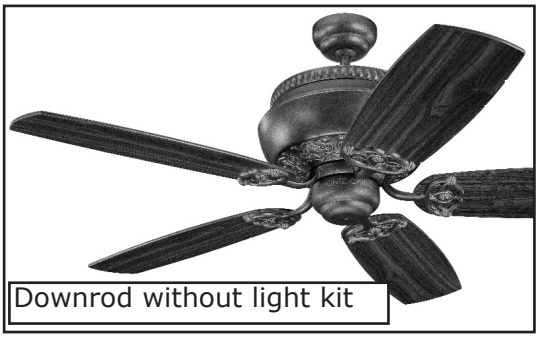
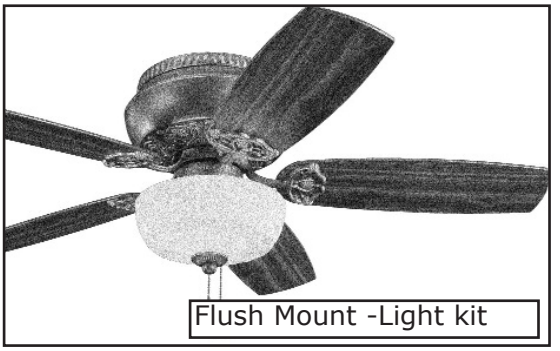
MONTE CARLO

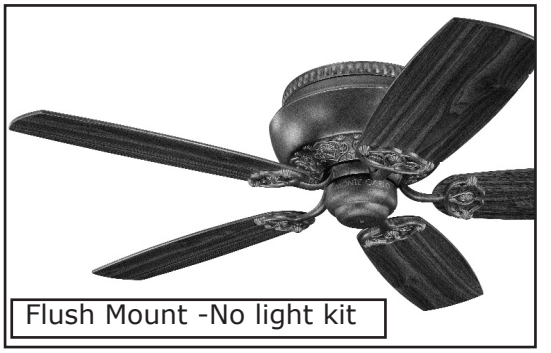
CEILING FAN COMPANY

Owner's Guide and Installation Manual


Downrod with light kit


Downrod without light kit


Flush Mount -Light kit


Flush Mount -No light kit

5AN52XXD-L Series Fan

UL Model No. : 14105

Attach sales receipt to this card and retain as your proof of purchase

DATE OF PURCHASE: _____ **RETAILER NAME:** _____

MODEL NUMBER: _____ **RETAILER ADDRESS:** _____

To register your fixture, please visit our website www.montecarlofans.com

c UL US LISTED

10.6 kgs
23.32 lbs

Total fan weight with light kit

Cautions and Warnings

WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING
READ AND SAVE THESE INSTRUCTIONS

Installation work and electrical wiring must be done by qualified person(s) in accordance with applicable codes and standards (ANSI/NFPA 70-1999), including fire-rated construction.

Use this unit only in the manner intended by the manufacturer. If you have any questions contact the manufacturer.

After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box. The splices, after being made, should be turned upward and pushed carefully up into the outlet box.

WARNING: Before you begin installing the fan, servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

Be cautious! Read all instructions and safety information before installing your new fan. Review the accompanying assembly diagrams.

When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.

Make sure the installation site you choose allows the fan blades to rotate without any obstructions. Allow a minimum clearance of 7 feet from the floor to the trailing edge of the blade.

WARNING: To Reduce The Risk Of Fire, Electric Shock, or Personal Injury, Mount To Outlet Box Marked “Acceptable for Fan Support of 15.9 kg (35 lbs) or less” And Use Mounting Screws Provided With The Outlet Box.

CAUTION: For Compliance with Local Codes and Regulations, If Installing The Secondary Support Safety Cable in the U.S., Do Not Remove Knockouts In The Outlet Box. Mount the secondary support safety cable through the reserved nail/screw hole on the outlet box to the building structure (or the ceiling joist).

WARNING: To reduce the risk of personal injury, do not bend blade holders during installation to motor, balancing or during cleaning. Do not insert foreign object between rotating blades.

Attach the mounting bracket using only the hardware supplied with the outlet box.

WARNING: To reduce the risk of fire or electric shock, this fan must be installed with an isolating wall control/switch.

WARNING: To reduce the risk of fire or electric shock, do not use this fan with any solid state fan speed control device, or variable speed control.

If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application.

Never place a switch where it can be reached from a tub or shower.

The combustion airflow needed for safe operation of fuel-burning equipment may be affected by this unit’s operation. Follow the heating equipment manufacturer’s guideline safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and the local code authorities.

CAUTION: To Reduce the Risk of Electric Shock, Disconnect the electrical supply circuit to the fan before installing the light kit.

All set screws must be checked and tightened where necessary before installation.

Tools Required for Assembly (not included): Electrical Tape, Phillips Screwdriver, Pliers, Safety Glasses, Stepladder and Wire Strippers.

Customer Service
800-969-3347

Customer Service Center
7400 Linder Ave.
Skokie, IL 60077
www.montecarlofans.com

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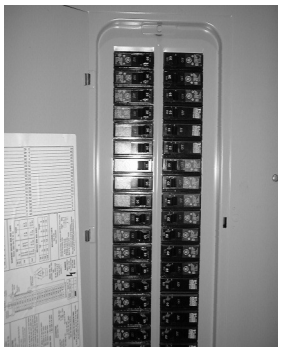
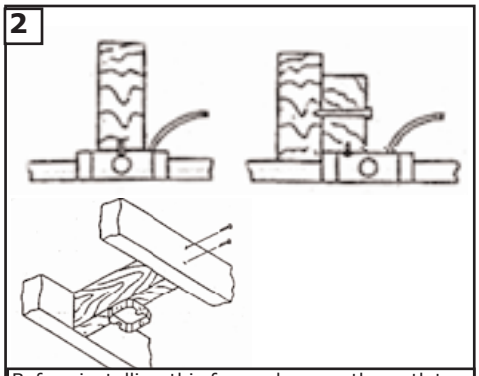
1



Before you begin installing the fan, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

2



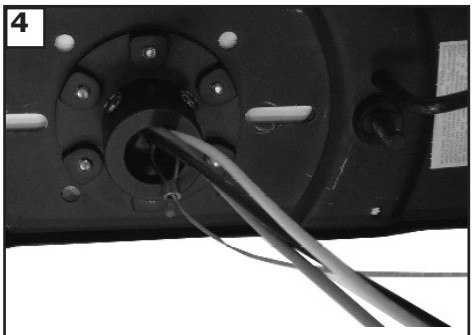
Before installing this fan make sure the outlet box is properly installed to the house structure. To reduce the risk of fire, electric shock, or personal injury, mount to outlet box or supporting system acceptable for fan support. (Mounting must support at least 35 lbs.)

3

For Flush mount with or without the light kit, go to step 4.

For Downrod mount with or without the light kit, go to step 31.

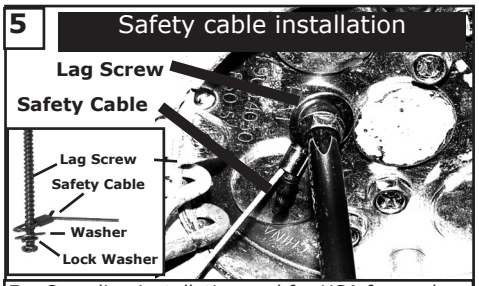
4



Thread safety cable through center hole of the mounting plate. Thread your house wires through center hole also. These will be needed for wiring of the fan.

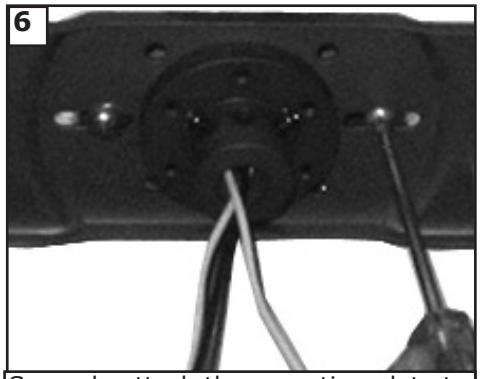
5

Safety cable installation



For Canadian installation and for USA fan and light kit combinations over 35 lbs, in both flush and downrod mode the safety cable must be installed into the house structure beams using the 3" lag screws provided. Make sure that when the safety cable is fully extended the leadwires are longer than the cable and no stress is placed on the leadwires. **Note**:If Installing The Secondary Support Safety Cable in the U.S., Do Not Remove Knockouts In The Outlet Box.

6

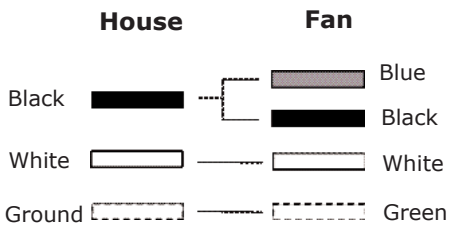


Securely attach the mounting plate to the outlet box using two screws. Use metal outlet box suitable for fan support (must support 35 lbs.)

7

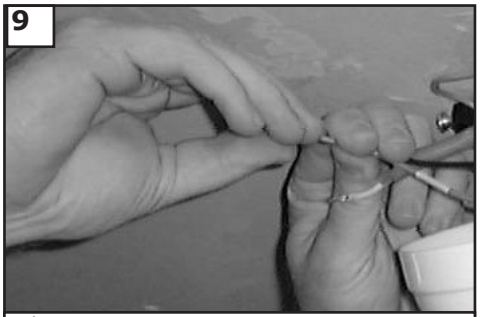
Carefully lift the fan motor assembly and engage the slot in the motor bracket with the hook on the mounting plate so that the motor is securely suspended.

8



Connect black and blue wire from fan to Black or (Hot) wire from house. Connect White wire from Fan to White (Neutral) wire from house. Connect Ground leads from mounting bracket to the ground lead from house. **Refer to Safety Tips section of manual.**

9



Make wire connections to power source using wire nuts provided. Make sure that no filiments are outside of the wirenut. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box.

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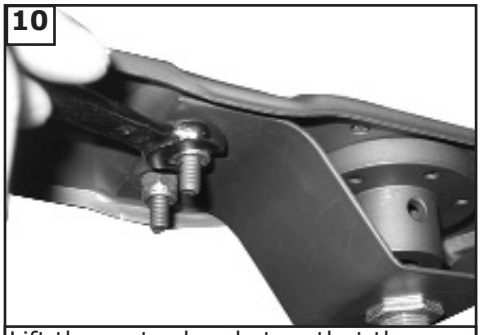
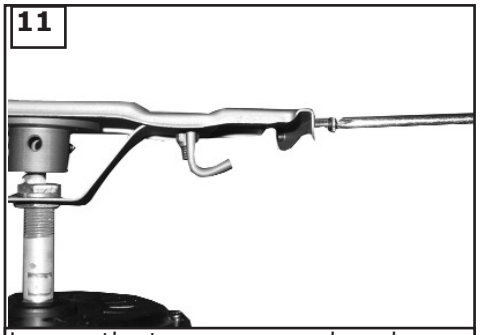
10



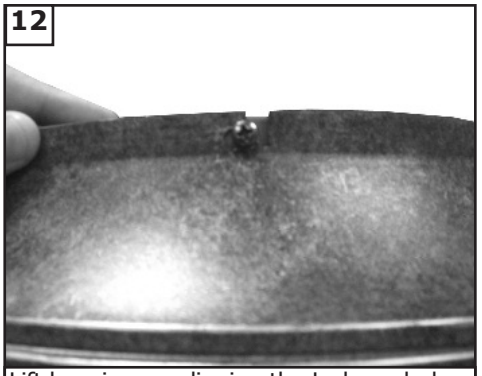
Lift the motor bracket so that the threaded studs on the mounting plate protrude through the slots in the motor bracket. Securely tighten the locknuts onto the threaded studs.

11



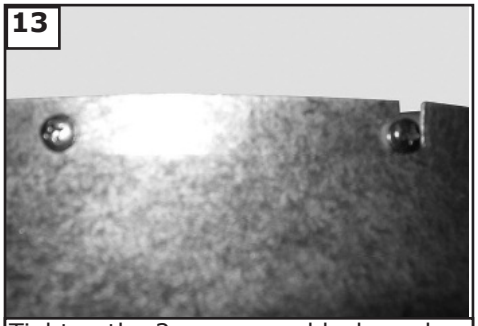
Loosen the two screws and washers on the cross on the top of the mounting plate. Remove the other two screws and lock washers and save for later use..

12



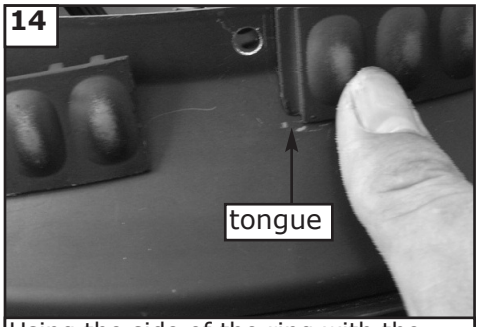
Lift housing up aligning the L shape holes with the screws on the mounting plate. Turn housing clockwise to hold in position.

13



Tighten the 2 screws and lock washers removed in step 11 and tighten the other 2 screws securely.

14

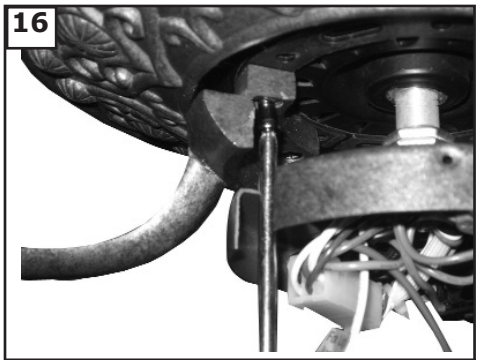


Using the side of the ring with the tongue first. Insert the plug of the decorative ring into the hole of the housing as shown on the picture.

15

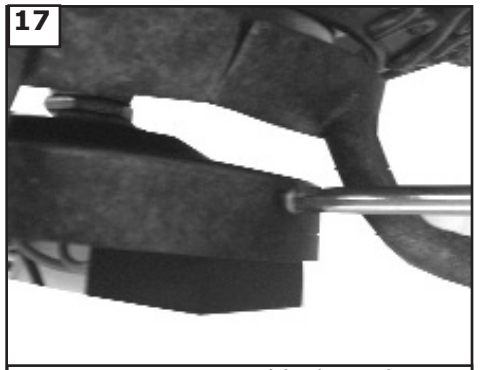
Attach blade to blade bracket using the 3 screws and washers provided. Tighten each of the screws securely. Repeat this process 4 more times.

16



Attach blade assembly to the motor and tighen the 2 screws pre-installed to the blade bracket. Repeat 4 more times.

17



Remove 3 screws and lock washers from the switch cap cover and save.

For fan with light kit go to step 18.

For fan without light kit go to step 26.

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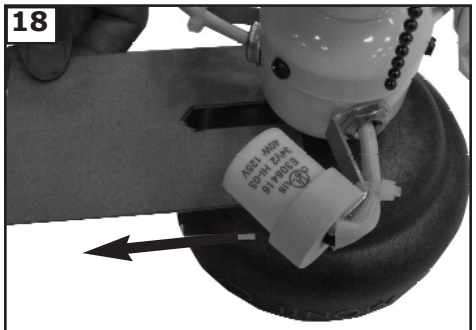
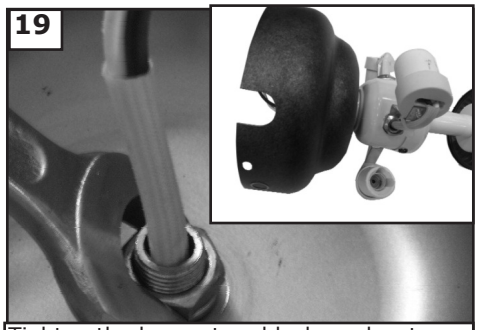
18



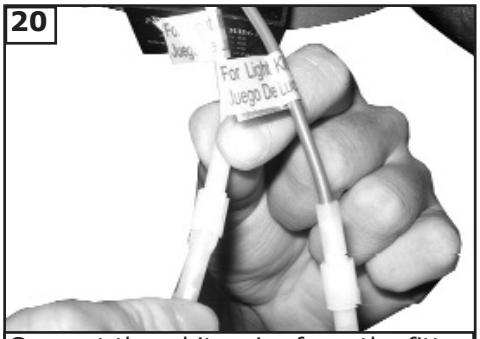
Remove the cardboard from fitter.

19



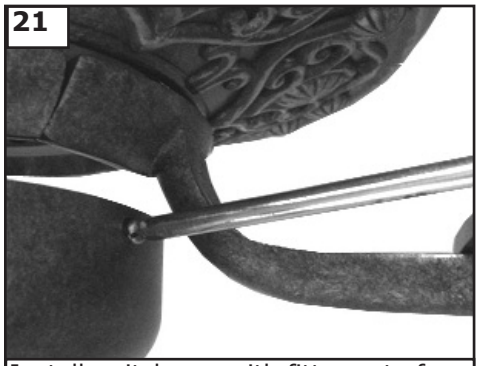
Tighten the hex nut and lock washer to the switch cap.
NOTE: Make sure the slot in the switch cap is facing the socket as shown so that the chain can be pulled smoothly. (As shown in inset)

20



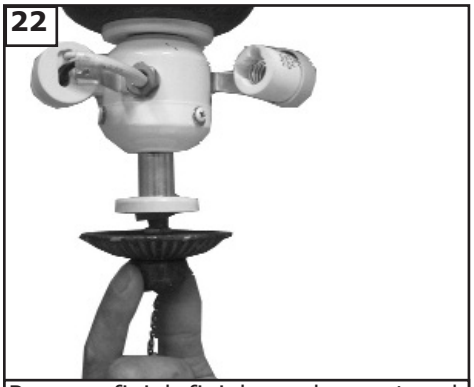
Connect the white wire from the fitter to the white wire from the switch cap. Connect the black wire from the fitter to the blue wire from the switch cap.

21



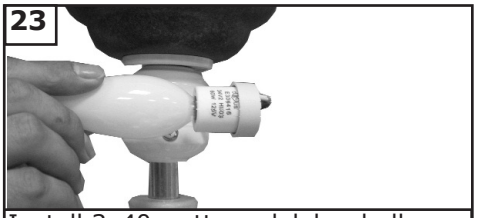
Install switch cap with fitter onto fan using 3 screws and lock washers removed in step 17 and tighten securely.

22



Remove finial, finial cap, hex nut and rubber washer from the fitter.

23



Install 3x40 watt candelabra bulbs. Bulbs are not included.**WARNING: Over lamping the fan will result in the fan lights shutting down until the proper wattage of bulbs are installed. Reset the lights by turning off the wall switch, breaker,or by remote. Replace bulbs with the correct wattage bulbs, turn the power on.**

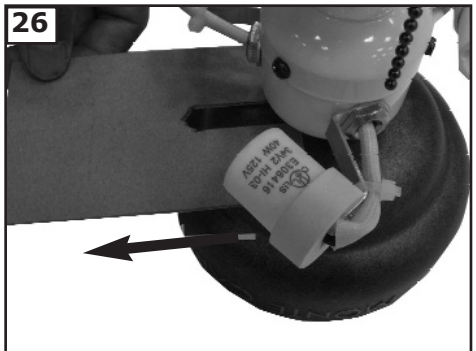
24

Place glass onto the fitter by threading the fan pull chain through the side hole of the glass and the light kit pull chain through the glass, rubber washer, and hex nut. Hand tighten hex nut securely.

25

Pass the fan pull chain through the side hole of the finial cap and install finial by threading the light kit pull chain through the hole in the finial. Hand tighten the finial securely.

26



Remove the cardboard from fitter.

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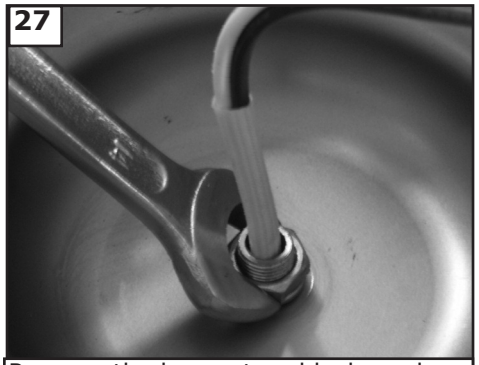
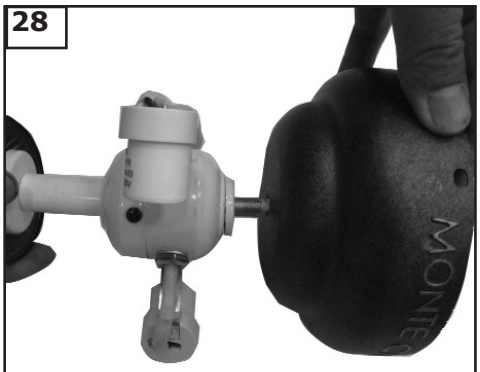
27



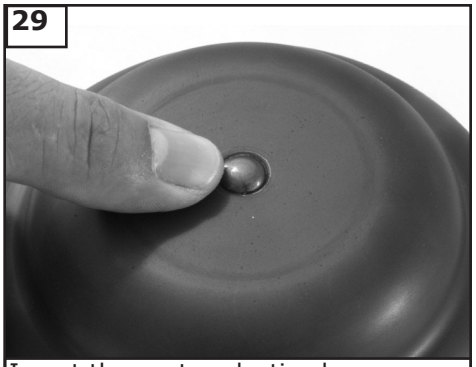
Remove the hex nut and lock washer from the switch cap.

28



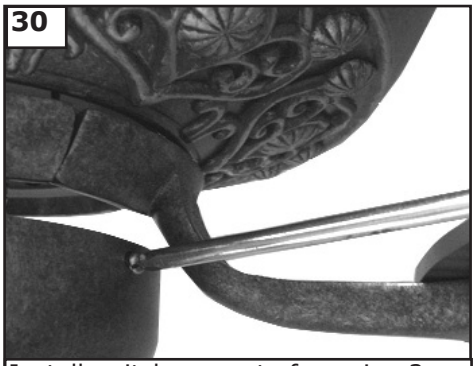
Remove the switch cap from the fitter.

29



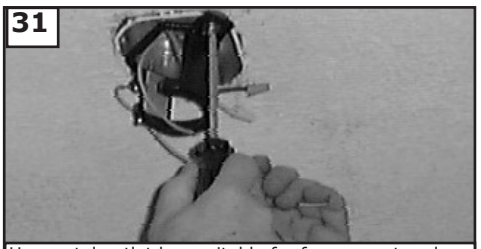
Insert the center plastic plug provided into the center hole of the switch cap.

30



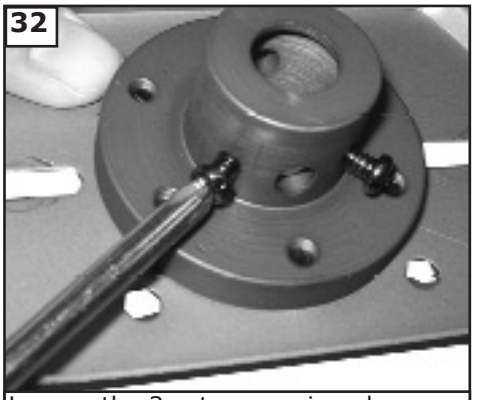
Install switch cap onto fan using 3 screws removed from step 17 and tighten securely.

31



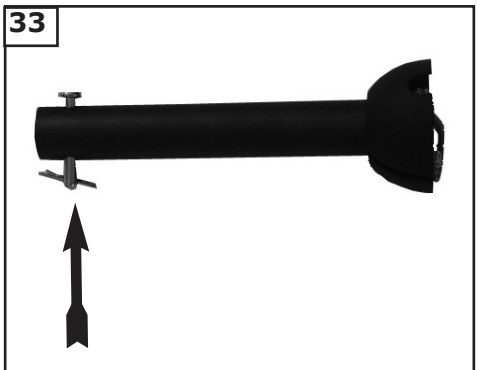
Use metal outlet box suitable for fan support and **use only the screws provided with the outlet box** (must support 35 lbs). Before attaching fan to outlet box, ensure the outlet box is securely fastened by at least two points to a structural ceiling member (a loose box will cause the fan to wobble). Remove the two outlet box screws provided with the box, aligning the holes of the mounting bracket with the holes of the outlet box. Re-install the 2 outlet box screws securely.

32



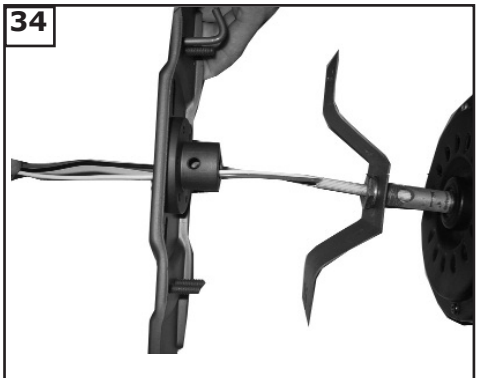
Loosen the 2 set screws in yoke.

33



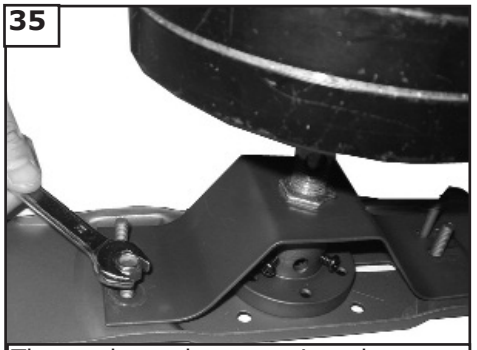
Remove the cotter and keeper pins and save for later use.

34



Thread leadwires and safety cable through the mounting plate.

35



The studs on the mounting plate protrude through the slots in the motor bracket .Securely tighten the locknuts onto the threaded studs.

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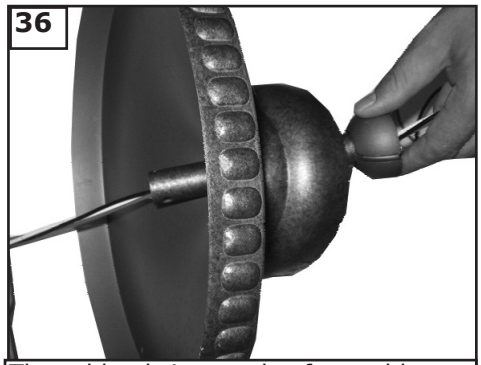
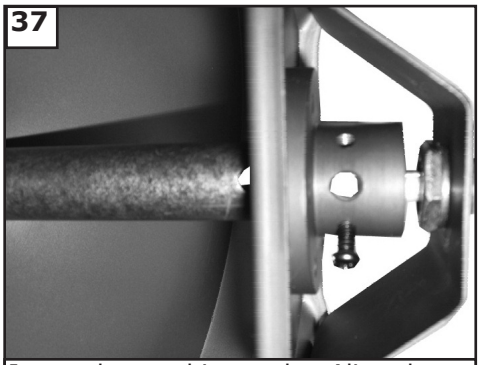
36



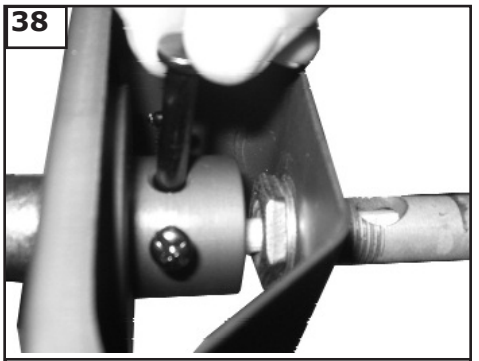
Thread leadwires and safety cable through the motor housing cover, the canopy, and downrod.

37



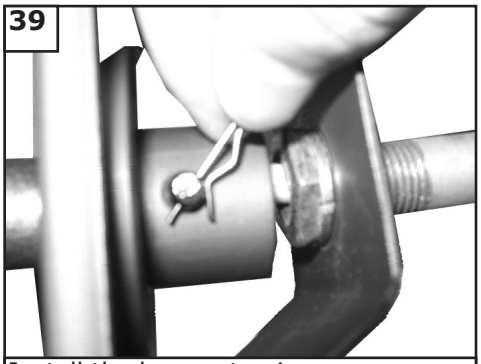
Insert downrod into yoke. Align the hole in the downrod with hole in the yoke.

38



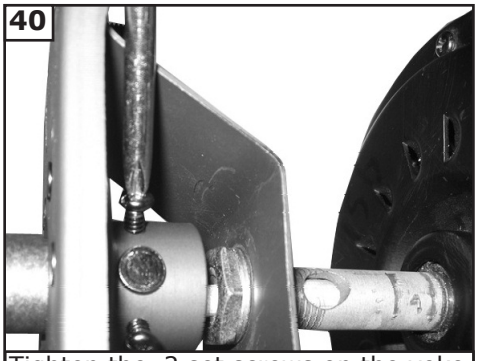
Insert the pin through the yoke and downrod until the point appears on the other side.

39



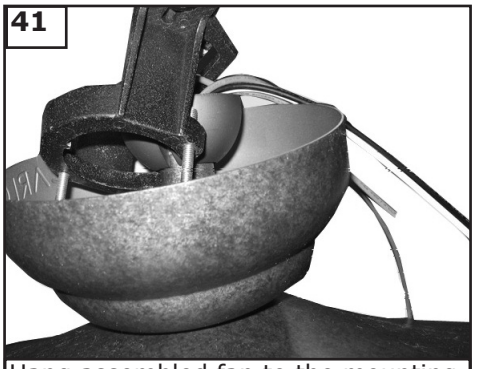
Install the keeper to pin.

40



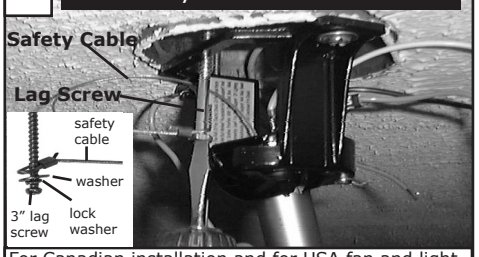
Tighten the 2 set screws on the yoke once the downrod is in place.

41



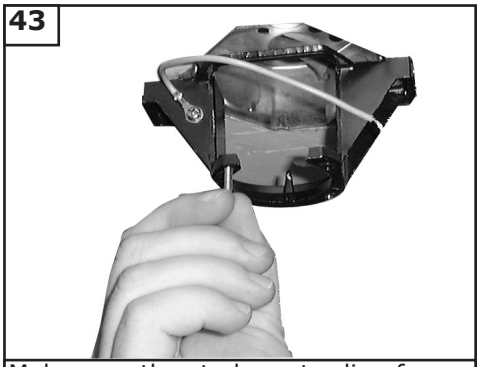
Hang assembled fan to the mounting bracket installed to ceiling in previous step.

42 Safety cable installation



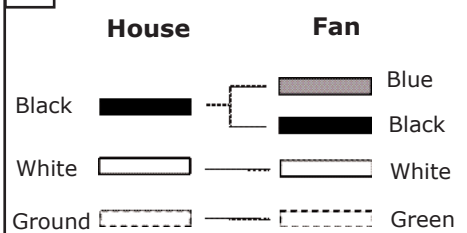
For Canadian installation and for USA fan and light kit combinations over 35 lbs, in both flush and downrod modes the safety cable must be installed into the house structure beams using 3" lag screws, washers and lock washers provided. Make sure that when the safety cable is fully extended the lead wires are longer than the cable and no stress is placed on the lead wires.
Note:If Installing The Secondary Support Safety Cable in the U.S., Do Not Remove Knockouts In The Outlet Box.

43



Make sure the studs protruding from the bottom of the mounting bracket are installed with threads all the way through the bracket.

44



Connect black and blue wire from fan to Black or (Hot) wire from house. Connect White wire from Fan to White (Neutral) wire from house. Connect Ground leads from mounting bracket to the ground lead from house. **Refer to Safety Tips section of manual.**

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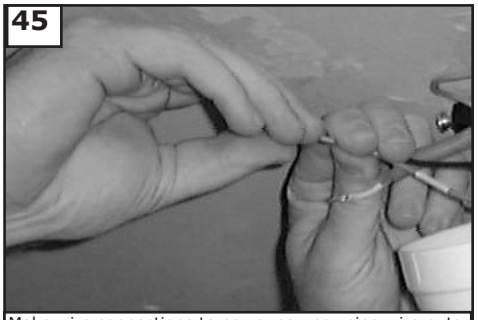
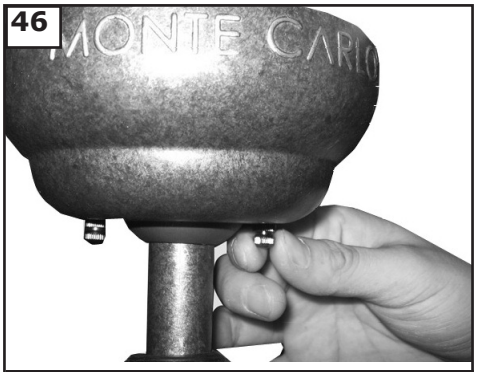
45



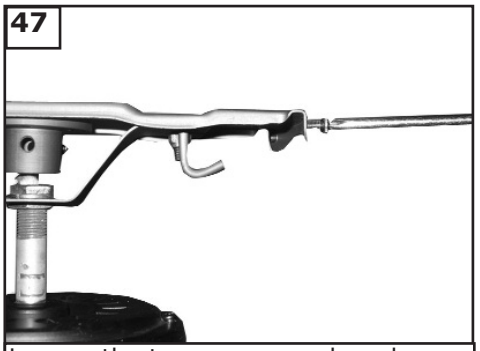
Make wire connections to power source using wire nuts provided. Make sure that no filiments are outside of the wirenut. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and ungrounded conductor on the other side of the outlet box.

46



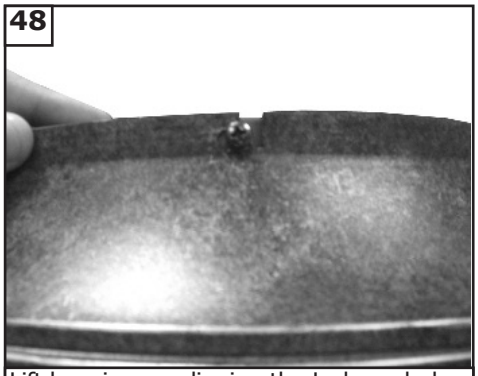
Lift canopy up aligning with the studs from mounting bracket. Install the 2 thumb nuts to the studs and finger tighten.

47



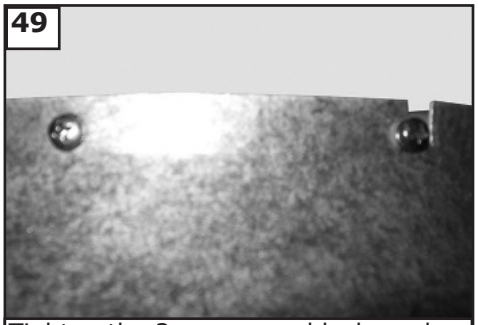
Loosen the two screws and washers on the cross on the top of the mounting plate. Remove the other two screws and lock washers and save for later use.

48



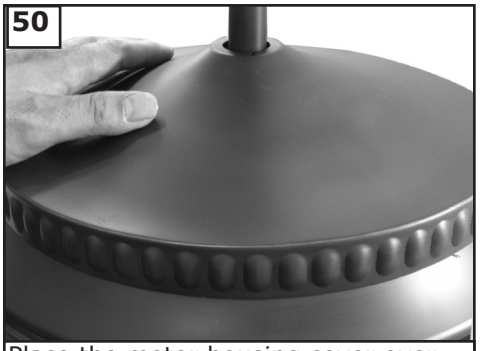
Lift housing up aligning the L shape holes with the screws on the mounting plate. Turn housing clockwise to hold in position.

49



Tighten the 2 screws and lock washers removed in step 47 and tighten the other 2 screws securely.

50



Place the motor housing cover over the mounting plate.

Go to step 15 to finish the installation.

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Trouble Shooting

If you have difficulty operating your new ceiling fan, it may be the result of incorrect assembly, installation, or wiring. In some cases, these installation errors may be mistaken for defects. If you experience any faults, please check this Trouble Shooting Chart. If a problem cannot be remedied, or you are experiencing difficulty in installation, please call our Customer Service Center at the number printed on your parts list insert sheet.

Warning: Before servicing or cleaning unit, Switch power off at Service panel and lock service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

Trouble	Suggested Remedy
1. If fan does not start:	1.Check main and branch circuit fuses or circuit breakers. 2.Check line wire connections to fan and switch wire connections in switch housing. 3.Make sure forward/reverse switch is firmly in up or down position. Fan will not operate when switch is in the middle. **CAUTION: Make sure main power is turned off.**
2. If fan sounds noisy:	1.Check to make sure all screws in motor housing are snug (not over tightened). 2.Check to make sure the screws which attach the fan blade holder to the motor are tight. 3.Check to make sure wire nut connectors in switch housing are not rattling against each other or against the interior wall of the switch housing. **CAUTION: Make sure main power is turned off before entering switch housing.** 4.Some fan motors are sensitive to signals from Solid State variable speed controls. **DO NOT USE a Solid State variable speed control.** 5.Allow "break-in" period of 24 hours. Most noises associated with a new fan will disappear after this period.
3. If fan wobbles:	1.If this is a downrod mount fan, make sure the ridge on mounting bracket engages the notch in the downrod ball. 2.Check that all blades are screwed firmly into blade holders. 3.Check that all blade holders are tightened securely to motor. 4.Make sure that canopy and mounting bracket are tightened securely to ceiling junction box and junction box is mounted firmly to ceiling joist. 5.Most fan wobble problems are caused when blade levels are unequal. Check this level by selecting a point on the ceiling above the tip of one of the blades. Measure this distance from blade tip to ceilng. Keeping measure within 1/8", rotate the fan until the next blade is positioned for measurement. Repeat for each blade. If all blade levels are not equal, you can adjust blade levels by the following procedure. To adjust a blade tip down, insert a washer (not supplied) between the blade and blade holder at the screw closest to the motor. To adjust a blade tip up, insert washer (not supplied) between the blade and blade holder at the two screws farthest from the motor. Reverse the position of the washer if blades mount from top of blade. 6.If blade wobble is still noticeable, interchanging two adjacent (side by side) blades can redistribute the weight and possibly result in smoother operation.
4. If light does not work:	1.Check blue wire from fan to make sure it is connected to hot wire from house. 2.Check for loose or disconnected wires in fan switch housing. 3.Check for loose or disconnected wires in light kit. 4.Check for faulty light bulbs. **WARNING: Over lamping the fan will result in the fan lights shutting down until the proper wattage of bulbs are installed. Reset the lights by turning off the wall switch, breaker,or by remote. Replace bulbs with the correct wattage bulbs, turn the power on.** **CAUTION: Make sure main power is turned off before entering switch housing and/ or canopy.**

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Apr.2012 New format
Jun.2013 Update for CUL regulation
Aug.9.2013 update UL listed model number